Report Date: 03 Nov 2014

Summary Report for Individual Task
011-217-1094
Perform Flight with Auto-Pilot System Off
Status: Approved

Condition: In a Mi-17 helicopter, with the auto-pilot system off and under VMC.

Standard: 1. RCM. Maintain task standards for the maneuver being performed.

2. FE/NCM. Verify crew, passengers, cargo, and mission equipment are properly secured.

3. Maintain flight with aircraft in trim 1 ball width.

Special Condition: NIGHT OR NIGHT VISION GOGGLES CONSIDERATIONS: To aid in preventing spatial disorientation, do not make large or abrupt attitude changes.

Safety Risk: Medium

MOPP 4:

Task Statements

Cue: None

DANGER

None

WARNING

None

CAUTION

None

Remarks: None

Notes: None

Performance Steps

1. Crew actions. The P* or P will announce to the other crewmembers when he or she detects an auto-pilot system malfunction. The P* will react positively and smoothly to divergent movements, enter all maneuvers slowly, and avoid over controlling the aircraft. During VMC, the P* will focus primarily outside the aircraft to maintain aircraft control and obstacle clearance. If necessary, the P* will direct the P/FE to disengage the autopilot system.

2. Procedures. The P* will smoothly coordinate control movements to maintain the aircraft in trim. The P* will monitor the turn-and-slip indicator for indications of divergent movements. The P* will smoothly and positively react to any divergent movements of the aircraft. The FE/NCM will check that all passengers are wearing their seatbelts and all cargo and mission equipment is secured.

Note: Any maneuver in this ATM may be conducted with the auto-pilot system off except for external load hook-up and combat maneuvering flight. The standards for these maneuvers are the same as with the auto-pilot system on.

(Asterisks indicates a leader performance step.)

Evaluation Guidance:
Evaluation will be conducted in the aircraft.

Evaluation Preparation:
Training may be conducted in the aircraft or a Mi-17 FS.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. RCM. Maintained task standards for the maneuver being performed.			
2. FE/NCM. Verified crew, passengers, cargo, and mission equipment are properly secured.			
3. Maintained flight with aircraft in trim ±1 ball width.			

Supporting Reference(s): None

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT.

Safety: In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks : None